

## Curriculum Vitae

**Name:** Peter Amir Halim Abdelmalek  
**Title:** Associate Professor  
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### 1- Education

#### • Academic Degrees

##### ➤ Bachelor

Bachelor in Pharmaceutical Sciences, Faculty of Pharmacy, Cairo University. (2001)

##### ➤ Master

Master degree in Pharmaceutical Sciences (Organic Chemistry), Faculty of Pharmacy, Cairo University. (2008)

##### **The master thesis title:**

"Synthesis of certain fused pyrimidine derivatives of pharmaceutical interest"

##### ➤ PhD

Doctor of Philosophy degree in Pharmaceutical sciences (Pharmaceutical Organic Chemistry), Faculty of Pharmacy, Cairo University. (2014)

##### **The PhD thesis title:**

"Synthesis of certain fused thienopyridine derivatives of biological interest"

### 2- Professional Experience

#### • From March 2002 till March 2009:

Instructor of Organic Chemistry, Faculty of Pharmacy, Cairo University.

#### • From April 2009 till January 2015:

Assistant Lecturer of Organic Chemistry, Faculty of Pharmacy, Cairo University.

- **From February 2015 till March 2022:**  
Lecturer of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Cairo University.
- **From April 2022 till present:**  
Associate Professor of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Cairo University.

### **3- Teaching Activities**

#### **A. Faculty of Pharmacy, Cairo University (FOPCU)**

##### **A1) General courses:**

- 1) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-4** (505) for second year students in the academic years 2014-2015, 2015-2016 and 2016-2017.
- 2) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-3** (504) for second year students in the academic year 2017-2018.
- 3) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-2** (502) for first year students in the academic year 2018-2019 and 2019-2020.
- 4) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-1 Pharm D** (PC102) for first year students in the academic year 2022-2023.
- 5) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-2 Pharm D** (PC204) for first year students in the academic year 2019-2020 and 2021-2022.
- 6) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-3 Pharm D** (PC306) for second year students in the academic year 2020-2021 and 2023-2024.

##### **A2) Clinical courses:**

Participating in teaching and supervising the practical courses of **Pharmaceutical Organic Chemistry-1**, Clinical Pharmacy program (PC 102) for level one students in the academic semesters Fall 2016-2017, 2017-2018 and 2018-2019.

## **B. Faculty of Pharmacy, Future University in Egypt (FUE)**

Participating in teaching and supervising the practical course of **Organic Chemistry-2** (PHC125) for first year students in the academic year 2017-2018.

## **C. Faculty of Pharmacy, Ahram Canadian University (ACU)**

- 1) Participating in teaching and supervising the practical course of **Organic Chemistry-1** (PC112) for first year students in the academic year 2019-2020.
- 2) Participating in teaching and supervising the practical course of **Organic Chemistry-3** (PC212) for second year students in the academic year 2019-2020.

## **D. Faculty of Pharmacy, British University in Egypt (BUE)**

- 1) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-2** (PMC103) for first year students in the academic year 2019-2020.
- 2) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-1** (PMC102) for first year students in the academic year 2020-2021.
- 3) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-3** (PMC104) for second year students in the academic year 2020-2021.

## **E. Faculty of Pharmacy, Egyptian Chinese University (ECU)**

- 1) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-1** (PC102) for first year students in the academic year 2022-2023 and 2023-2024.
- 2) Participating in teaching and supervising the practical course of **Pharmaceutical Organic Chemistry-2** (PC204) for first year students in the academic year 2022-2023 and 2023-2024.

## 4- Research Activities

### A. Full list of publications after PhD:

- 1) Rafat M. Mohareb, **Peter A. Halim**, “Uses of Anthranilic Acid for the Synthesis of Dihydroquinazolin Derivatives with Antitumor, Anti-proliferative and Pim-1kinase Activities. *Acta Chim. Slov.*, 65, 554-568 (2018). <http://dx.doi.org/10.17344/acsi.2017.4146>
- 2) Rafat M. Mohareb, Eman M. Samir, **Peter A. Halim**, “Synthesis, and anti-proliferative, Pim-1 kinase inhibitors and molecular docking of thiophenes derived from estrone”, *Bioorg. Chem.*, 83, 402-413 (2019). <https://doi.org/10.1016/j.bioorg.2018.10.067>
- 3) Nadia Y. Megally Abdo, Rafat M. Mohareb, **Peter A. Halim**, “Uses of cyclohexane-1,3-dione for the synthesis of 1,2,4-triazine derivatives as anti-proliferative agents and tyrosine kinases inhibitors”, *Bioorg. Chem.*, 97, 103667 (2020). <https://doi.org/10.1016/j.bioorg.2020.103667>
- 4) Madlen B. Labib, Ahmed M. Fayez, EL-Shaymaa EL-Nahass, M. Awadallah, **Peter A. Halim**, “Novel tetrazole-based selective COX-2 inhibitors: Design, synthesis, anti-inflammatory activity, evaluation of PGE<sub>2</sub>, TNF- $\alpha$ , IL-6 and histopathological study”, *Bioorg. Chem.*, 104, 104308 (2020). <https://doi.org/10.1016/j.bioorg.2020.104308>
- 5) **Peter A. Halim**, Hanan H. Georgey, Mina Y. George, Ahmed M. El Kerdawy, Mona F. Said, “Design and synthesis of novel 4-fluorobenzamide-based derivatives as promising anti-inflammatory and analgesic agents with an enhanced gastric tolerability and COX-inhibitory activity”, *Bioorg. Chem.*, 115, 105253 (2021). <https://doi.org/10.1016/j.bioorg.2021.105253>
- 6) **Peter A. Halim**, Hala B. El-Nassan, Yara S. El-Dash, “Design and Synthesis of Novel Ibuprofen Derivatives as Selective COX-2 Inhibitors and Potential Anti-Inflammatory Agents: Evaluation of PGE<sub>2</sub>, TNF- $\alpha$ , IL-6 and Histopathological Study”, *Med. Chem.*, 18, 427-443 (2022). [doi: 10.2174/1573406417666210809162636](https://doi.org/10.2174/1573406417666210809162636)
- 7) **Peter A. Halim**, Rasha A. Hassan, Khaled O. Mohamed, Soha O. Hassanin, Mona G. Khalil, Amr M. Abdou & Eman O. Osman, “Synthesis and biological evaluation of halogenated phenoxychalcones and their corresponding pyrazolines as cytotoxic agents in human breast

cancer”, *J. Enzyme Inhib. Med. Chem.*, 37, 189-201 (2022).  
<https://doi.org/10.1080/14756366.2021.1998023>

- 8) **Peter A. Halim**, Souty M. Z. Sharkawi, Madlen B. Labib, “Novel pyrazole-based COX-2 inhibitors as potential anticancer agents: Design, synthesis, cytotoxic effect against resistant cancer cells, cell cycle arrest, apoptosis induction and dual EGFR/Topo-1 inhibition”, *Bioorg. Chem.*, 131, 106273 (2023). <https://doi.org/10.1016/j.bioorg.2022.106273>
- 9) Menna Tallah M. Sayed, **Peter A. Halim**, Afaf K. El-Ansary, Rasha A. Hassan, “Design, synthesis, anticancer evaluation, and in silico studies of some thieno[2,3-d]pyrimidine derivatives as EGFR inhibitors”, *Drug Dev. Res.*, 84, 1-21 (2023). <https://doi.org/10.1002/ddr.22088>
- 10) Menna Tallah M. Sayed, Rasha A. Hassan, **Peter A. Halim**, Afaf K. El-Ansary, “Recent updates on thienopyrimidine derivatives as anticancer agents”, *Medicinal Chemistry Research*, 32, 659-681 (2023). <https://doi.org/10.1007/s00044-023-03040-y>
- 11) Mohamed T.M. Nemr, Ahmed Elshewy, Mohammed L. Ibrahim, Ahmed M. El Kerdawy, **Peter A. Halim**, “Design, synthesis, antineoplastic activity of new pyrazolo[3,4-d]pyrimidine derivatives as dual CDK2/GSK3 $\beta$  kinase inhibitors; molecular docking study, and ADME prediction”, *Bioorg. Chem.*, 150, 107566 (2024). <https://doi.org/10.1016/j.bioorg.2024.107566>

## **B. Supervision of Theses:**

الاسم	عنوان الرسالة	تاريخ تسجيل نقطة البحث	الدرجة العلمية
منة الله مجدى سيد ابو العلا	"Synthesis of some Thienopyrimidine derivatives of biological interest"	16/7/2019	الماجستير

## **C. Workshops and Training Courses:**

### **C1) Faculty and Leadership Development Center (FLDC) courses during the period of “Teaching Assistant” academic degree:**

تاريخ الانعقاد	اسم البرنامج التدريبي	مسلسل
28-31 مايو 2007	التدريس الفعال	.1
28-31 مايو 2007	أخلاقيات و اداب المهنة	.2
11-13 يونيو 2007	مهارات الاتصال الفعال	.3
29-31 يوليو 2007	استخدام التكنولوجيا في التدريس	.4
23-25 يونيو 2008	معايير الجودة فى العملية التدريسية	.5
9-11 فبراير 2009	العرض الفعال	.6
24-26 أغسطس 2009	الجوانب المالية و القانونية	.7
23-24 يناير 2012	النشر الدولى للبحوث العلمية	.8
5-7 يونيو 2012	إدارة فريق البحث	.9
1-3 سبتمبر 2012	إدارة الوقت والاجتماعات	.10
26-28 فبراير 2013	تنظيم المؤتمرات العلمية	.11
20-21 يوليو 2013	نظم الامتحانات وتقييم الطلاب	.12

### **C2) Faculty and Leadership Development Center (FLDC) courses during the period of “Lecturer” academic degree:**

تاريخ الانعقاد	اسم البرنامج التدريبي	مسلسل
24-25 ديسمبر 2016	التفكير الابداعى	.1
11-12 فبراير 2017	إدارة الجودة الشاملة في الرعاية الصحية	.2
15-16 يوليو 2017	نظم الساعات المعتمدة	.3
18-19 يوليو 2018	التخطيط الاستراتيجي	.4
5-6 سبتمبر 2018	تحرير النص العلمى باللغة العربية و اللغة الانجليزية	.5
26-27 أغسطس 2019	الاستراتيجية القائمة علي الأدلة في الممارسة الطبية	.6
13-14 نوفمبر 2019	التفكير الناقد	.7

أساسيات التعليم المدمج	11-10 ابريل 2021	8.
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**C3) Performance Appraisal and Quality Assurance Unit (PAQU)**  
**courses during the period of “Lecturer” academic degree:**

تاريخ الانعقاد	اسم البرنامج التدريبي	مسلسل
20 مارس 2017	The Do's and Don'ts in Publishing & An Overview on BFOPCU	.1
8 أكتوبر 2017	أضواء ترفقيات أعضاء هيئة التدريس بالجامعات المصرية	.2
27 مارس 2018	Maximize your scientific impact while keeping your integrity	.3
17-16 سبتمبر 2018	دورة متخصصة في أعمال الجودة	.4
26 سبتمبر 2018	Mendeley Citation Manager Software	.5
28 نوفمبر 2018	Optimize Your Questions in a Valid Reliable Exam	.6
27 أغسطس 2020	H index, Impact Factor and Citation	.7
13 ديسمبر 2020	دورة متخصصة في شئون أعمال الجودة	.8
21 ديسمبر 2020	Advanced tips in Microsoft word editing: making article and thesis writing easier	.9
5 يناير 2021	شرح لائحة الدورة الثالثة عشر لترقية أعضاء هيئة التدريس بالجامعات المصرية	.10
28 فبراير 2021	نظام الارشاد الأكاديمي و الساعات المعتمدة بالكلية	.11
4 مارس 2021	توعية بنك المعرفة المصري EKB	.12
13 مارس 2021	القيادة الفعالة و التطوير الإداري	.13
18 مارس 2021	التعليم الهجين	.14
3 أكتوبر 2021	JoVE Webinar: Bringing Text to Life	.15

**C4) Performance Appraisal and Quality Assurance Unit (PAQU)**  
**courses (Specialized in Pharmaceutical Organic Chemistry):**

تاريخ الانعقاد	اسم البرنامج التدريبي	مسلسل
27 نوفمبر 2018	Column Chromatography	.1

27 مارس 2019	The use of 2D NMR and Mnova in Structure Elucidation of Organic Compounds	.2
20 أغسطس 2020	ChemDraw Professional Tips and Tricks	.3

#### **D. Scientific Conferences and Presented Abstracts:**

- 1) 4<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, 24-25 April, 2013 (Poster Presenter).
- 2) 9<sup>th</sup> International Scientific Conference of Faculty of Pharmacy, Cairo University, 25-26 April, 2018 (Attendance).
- 3) First International Conference of Pharmaceutical Sciences, Misr University for Science and Technology, 27-28 October, 2018 (Attendance).

#### **E. Awards and Certificates of Appreciation:**

- 1) Cairo University award from Medical Education Development Center (MEDC) for successfully completing the Basic Research Competency Program for Research Coordinators, 10 August - 2 November, 2015. <https://cu.edu.eg/Cairo-University-News-11413.html>
- 2) Certificate of appreciation for the outstanding participation in the committees of Performance Appraisal and Quality Assurance Unit (PAQU), 2016-2017.
- 3) Best Research article not extracted from a scientific thesis in the Pharmaceutical Organic Chemistry department of a year 2019.